

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: G.K. SURYA PRAKASH et al. Confirmation No.
Application No.: Group Art Unit:
Filing Date: November 25, 2003 Examiner:
For: METHOD FOR EXPEDIENT SYNTHESIS Atty. Docket No.: 81722-4100
OF [¹⁸F]-LABELED α -TRIFLUOROMETHYL
KETONES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Pursuant to applicants' duty of disclosure under 37 C.F.R. 1.56, enclosed is a PTO form 1449 which lists fourteen (14) references for the Examiner's review and consideration. It is respectfully requested that this references be made of record in this application by the Examiner's completion and return of the PTO Form 1449.

No fee or certification is believed to be due for this submission since the references are being submitted concurrent with the filing of this application. Should any fees be required, however, please charge such fees to **Winston & Strawn Deposit** Account No. 50-1814.

Respectfully submitted,

Date: 11/26/03


Allan A. Fanucci

(Reg. No. 30,256)

WINSTON & STRAWN LLP
CUSTOMER NO. 28765
(212) 294-3311

Enclosures

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| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | ATTY. DOCKET NO.: | APPLICATION NO.: |
| | | 81722-4100 | |
| | | APPLICANT: | |
| | | Prakash et al. | |
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | AA | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| AD | G.K. Surya Prakash, et al.; "Expedient synthesis of [¹⁸ F]-labeled α -trifluoromethyl ketones" Journal Of Labelled Compounds And Radiopharmaceuticals. J. Label Compd Radiopharm 2003; 46: 1087-1092. |
| AE | Hideki Amii et al.; Mg ⁰ -promoted selective C-F bond cleavage of trifluoromethyl ketones: a convenient method for the synthesis of 2,2-difluoro enol silanes; Chem. Commun., 1999, 1323-1324. |
| AF | G.K. Surya Prakash et al.; Facile preparation of di- and monofluoromethyl ketones from trifluoromethyl ketones via fluorinated enol silyl ethers; Journal of Fluorine chemistry 112 (2001) 357-362. |
| AG | Synthetic and Medicinal Chemistry of Trifluoromethyl Ketones, Faculty of Pharmaceutical Sciences, Josai Univ., pp. 350-0295 |
| AH | Michael H. Gelb et al.; "Fluoro Ketone Inhibitors of Hydrolytic Enzymes; Biochemistry", American Chemical Society, Volume 24, Number 8; April 9, 1985; 1814-1817. |
| AI | Lori H. Takahashi et al.; "Crystallographic Analysis of the Inhibition of Procine Pancreatic Elastase by a Peptidyl Boronic Acid: Structure of a Reaction Intermediate; Biochemistry" American Chemical Society, 1989, 28, 7610-7617. |
| AJ | Tina S. Morris et al.; "In Vitro and Ex Vivo Inhibition of Hepatitis A Virus 3C Proteinase by a Peptidyl Monofluoromethyl Ketone; Bioorganic & Medicinal Chemistry, Vol. 5, No. 5, pp 797-807, 1997. |
| AK | Barbara Imperiali et al.; Inhibition of Serine Proteases by Peptidyl Fluoromethyl Ketones"; Biochemistry 1986, 25, 3760-3767. |
| AL | Masami Kawase et al.; " α -Trifluoromethylatec Acyloins Induced Apoptosis In Human Oral Tumor Cell Lines"; Bioorganic & Medicinal Chemistry Letters 9 (1999) 3113-3118. |
| AM | Xavier Creary; "Reaction of Organometallic Reagents with Ethyl Trifluoroacetate and Diethyl Oxalate. Formation of Trifluoromethyl Ketones and α -Keto Esters via Stable Tetrahedral Adducts"; J. Org. Chem 1987, 52, 5026-5030. |
| AN | Takashi Keumi et al.; "A Convenient Trifluoroacetylation of Arenes with 2-(Trifluoroacetoxy)pyridine"; Chemistry Letters, pp. 783-786, 1990. |
| AO | Jurgen Wiedemann et al.; Direct Preparation of Trifluoromethyl Ketones from Carboxylic Esters: Trifluoromethylation with (Trifluoromethyl)trimethylsilane"; Angew. Chem. Int. Ed. 1998 37, No. 6, 820-821. |
| AP | Rajendra P. Singh et al.; "Cesium Fluoride Catalyzed Trifluoromethylation of Esters, Aldehydes, and Ketones with (Trifluoromethyl)trimethylsilane"; J. Org. Chem. 1999, 64, 2873-2876. |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)
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| AQ | G.K. Surya Prakash et al.; "A general method of halogenation for synthesis of halodifluoromethyl ketones and [¹⁸ F]-labeled trifluoromethyl ketones"; Journal of Fluorine Chemistry 121 (2003) 239-243. |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.